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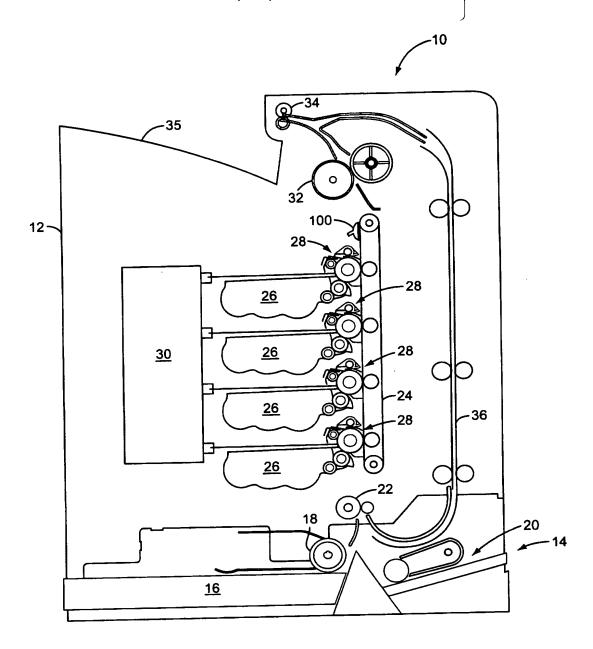


FIG. 1

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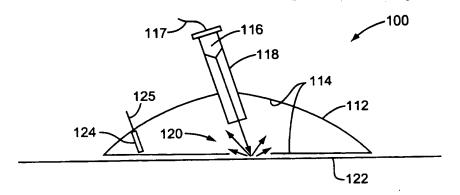


FIG. 2

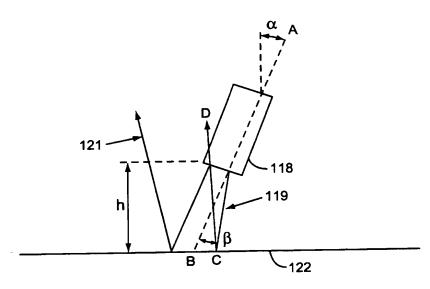
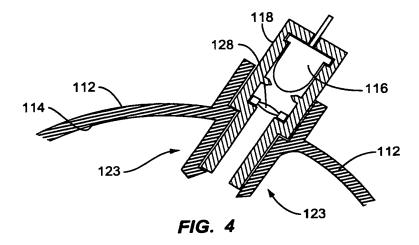


FIG. 3



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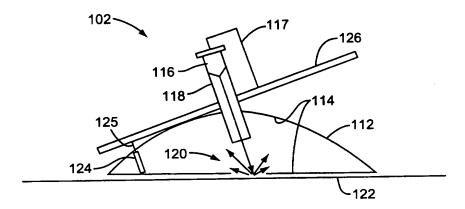


FIG. 5

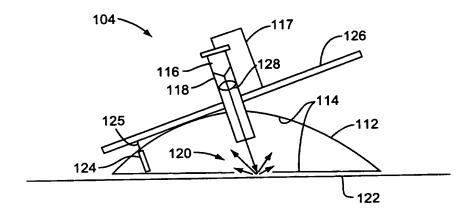


FIG. 6

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CONVENTIONAL REFLECTOMETER RESPONSE ACROSS A RANGE OF GAPS (MOSTLY SPECULAR REFLECTION)

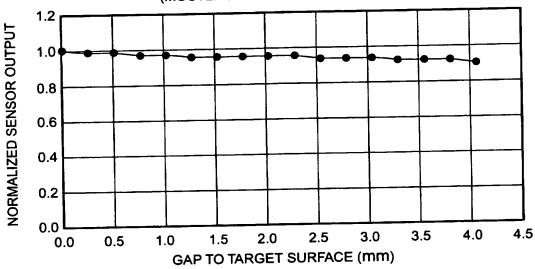


FIG. 7

CONVENTIONAL REFLECTOMETER RESPONSE ACROSS A RANGE OF GAPS (MOSTLY DIFFUSE REFLECTION)

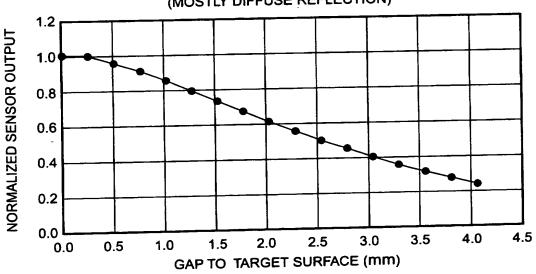


FIG. 8

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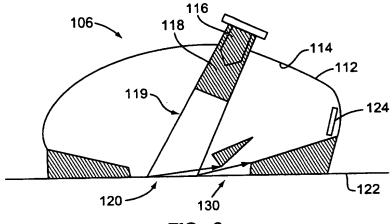
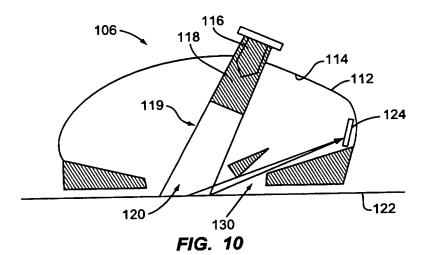


FIG. 9



119 112 112 124

FIG. 11

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BARE BELT RESPONSE ACROSS A RANGE OF GAPS (MOSTLY SPECULAR REFLECTION)

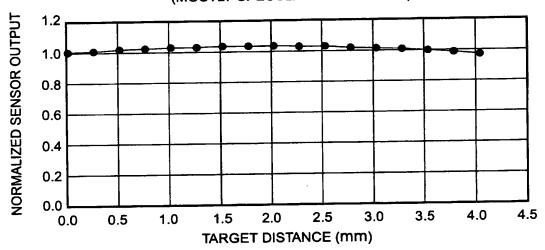


FIG. 12

BLACK TONER RESPONSE ACROSS A RANGE OF GAPS (MOSTLY DIFFUSE REFLECTION)

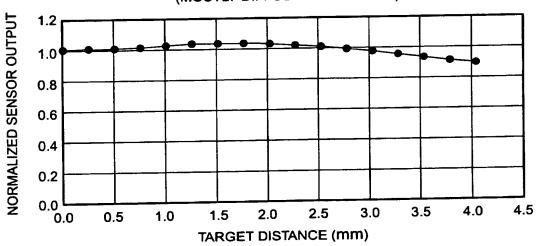


FIG. 13

YELLOW TONER RESPONSE ACROSS A RANGE OF GAPS (MOSTLY DIFFUSE REFLECTION)

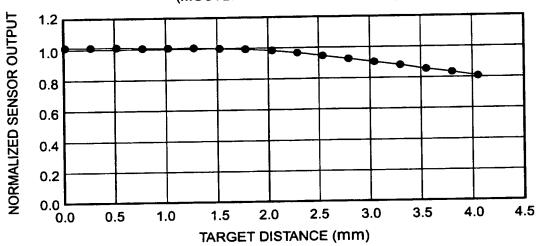


FIG. 14

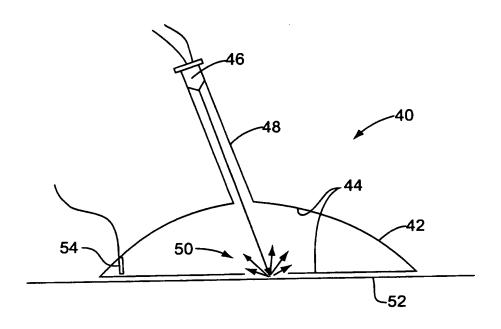


FIG. 15 PRIOR ART